

measurement ID	Fold Change	P-Value	GENE_SYMBOL	GENE_NAME
A_55_P2095251	0.213	0.026	EI13	elongation factor RNA polymerase II-like 3
A_51_P367780	0.286	0.091	Adamts12	ADAMTS-like 2
A_52_P285024	0.297	0.009	Sertad4	SERTA domain containing 4
A_55_P1994042	0.301	0.086	Zbp1	Z-DNA binding protein 1
A_30_P01031049	0.308	0.031		
A_51_P343517	0.336	0.052	Ly6d	lymphocyte antigen 6 complex, locus D
A_51_P175580	0.336	0.063	Trp53inp1	transformation related protein 53 inducible nuclear protein 1
A_30_P01033434	0.357	0.042		
A_55_P2076448	0.374	0.096	Fam70a	family with sequence similarity 70, member A
A_55_P1973906	0.383	0.081	Trp53inp1	transformation related protein 53 inducible nuclear protein 1
A_55_P2182358	0.389	0.032	Arid3a	AT rich interactive domain 3A (BRIGHT-like)
A_55_P2000158	0.393	0.076	Pik3r3	phosphatidylinositol 3 kinase, regulatory subunit, polypeptide 3 (p55)
A_55_P2031871	0.410	0.074	Plekhh3	pleckstrin homology domain containing, family H (with MyTH4 domain) member 3
A_55_P2386236	0.419	0.100	Ceacam2	carcinoembryonic antigen-related cell adhesion molecule 2
A_55_P2115364	0.429	0.005		
A_66_P116412	0.430	0.016	Flt3	FMS-like tyrosine kinase 3
A_55_P1979217	0.432	0.042	Abtb1	ankyrin repeat and BTB (POZ) domain containing 1
A_55_P1952166	0.435	0.027	Arid3a	AT rich interactive domain 3A (BRIGHT-like)
A_55_P2096917	0.443	0.041	Mreg	melanoregulin
A_55_P2108275	0.444	0.024		
A_52_P163939	0.461	0.038	Cln6	ceroid-lipofuscinosis, neuronal 6
A_66_P119869	0.463	0.059	Itln1	intelectin 1 (galactofuranose binding)
A_55_P2040893	0.465	0.099	Tnni2	troponin I, skeletal, fast 2
A_55_P1967659	0.469	0.045	Lactb	lactamase, beta
A_66_P129769	0.475	0.051	Sik2	salt inducible kinase 2
A_55_P2063505	0.478	0.029		
A_55_P2069306	0.480	0.052	Ptpn18	protein tyrosine phosphatase, non-receptor type 18
A_55_P1987847	0.499	0.010		
A_30_P01028801	0.500	0.031		
A_55_P1965200	0.503	0.025	Fbx15	F-box and leucine-rich repeat protein 5
A_51_P429212	0.504	0.002	Npl	N-acetylneuraminase pyruvate lyase
A_55_P2180504	0.504	0.060	4933413G19Rik	RIKEN cDNA 4933413G19 gene
A_51_P226269	0.505	0.015	1190002H23Rik	RIKEN cDNA 1190002H23 gene
A_55_P2056639	0.505	0.076	Bcar1	breast cancer anti-estrogen resistance 1
A_55_P2155347	0.506	0.097	Grk4	G protein-coupled receptor kinase 4
A_55_P1961135	0.507	0.067	Atg4d	autophagy-related 4D (yeast)
A_51_P193686	0.511	0.002	1700012B09Rik	RIKEN cDNA 1700012B09 gene
A_51_P245796	0.511	0.094	Ddit4	DNA-damage-inducible transcript 4
A_30_P01028138	0.514	0.093		

A_55_P2084691	0.518	0.027	Hist1h2ac	histone cluster 1, H2ac
A_55_P2121760	0.519	0.068		
A_55_P1981544	0.523	0.082	Lactb	lactamase, beta
A_51_P410451	0.526	0.098	Tube1	epsilon-tubulin 1
A_55_P1953226	0.529	0.008	Gm14484	predicted gene 14484
A_30_P01020711	0.530	0.082		
A_55_P2047932	0.531	0.004	Cyb5r4	cytochrome b5 reductase 4
A_55_P2124976	0.533	0.098	Grhl1	grainyhead-like 1 (Drosophila)
A_52_P573727	0.535	0.091	Rrm2b	ribonucleotide reductase M2 B (TP53 inducible)
A_55_P2250943	0.535	0.042	1700024h08rik	RIKEN cDNA 1700024H08 gene
A_55_P1959174	0.535	0.046	Pmepa1	prostate transmembrane protein, androgen induced 1
A_51_P474701	0.536	0.087	Fbp1	fructose biphosphatase 1
A_30_P01033152	0.540	0.046		
A_30_P01030293	0.543	0.092		
A_55_P1959308	0.544	0.060	Rbm41	RNA binding motif protein 41
A_51_P421664	0.546	0.081	Tmem123	transmembrane protein 123
A_55_P1954302	0.546	0.069	Esrrb	estrogen related receptor, beta
A_55_P2132054	0.548	0.037		
A_66_P124677	0.549	0.011	Ipcef1	interaction protein for cytohesin exchange factors 1
A_55_P2153459	0.551	0.049	Cecr2	cat eye syndrome chromosome region, candidate 2 homolog (human)
A_55_P2002058	0.552	0.042	Phf8	PHD finger protein 8
A_66_P130908	0.552	0.001	Cyb5r4	cytochrome b5 reductase 4
A_30_P01032116	0.553	0.075		
A_30_P01021443	0.554	0.089		
A_55_P2138718	0.556	0.083	Gm14483	predicted gene 14483
A_66_P101132	0.557	0.036	Hist1h2bp	histone cluster 1, H2bp
A_30_P01021528	0.557	0.005		
A_52_P572613	0.559	0.033	Fcrl6	Fc receptor-like 6
A_55_P1984243	0.562	0.016	Naip2	NLR family, apoptosis inhibitory protein 2
A_30_P01019604	0.563	0.091		
A_30_P01018614	0.566	0.072		
A_55_P2153762	0.568	0.057	A630081J09Rik	RIKEN cDNA A630081J09 gene
A_55_P2153122	0.570	0.071	Zap70	zeta-chain (TCR) associated protein kinase
A_66_P125327	0.570	0.061	Ccne1	cyclin E1
A_55_P2153461	0.571	0.090	Cecr2	cat eye syndrome chromosome region, candidate 2 homolog (human)
A_30_P01026175	0.571	0.006		
A_55_P1981830	0.575	0.009		
A_52_P428673	0.576	0.096	Usp49	ubiquitin specific peptidase 49
A_51_P418116	0.576	0.039	Tmem119	transmembrane protein 119
A_30_P01018719	0.576	0.024		

A_55_P1984886	0.578	0.061	Hcst	hematopoietic cell signal transducer
A_51_P312615	0.579	0.092	Hist1h1t	histone cluster 1, H1t
A_55_P2008815	0.582	0.005	Rrm2b	ribonucleotide reductase M2 B (TP53 inducible)
A_55_P2058557	0.582	0.025	Dnajb5	DnaJ (Hsp40) homolog, subfamily B, member 5
A_52_P56634	0.583	0.056	Map3k11	mitogen-activated protein kinase kinase kinase 11
A_51_P226142	0.583	0.001	Fam116a	family with sequence similarity 116, member A
A_51_P453010	0.584	0.090	Mphosph6	M phase phosphoprotein 6
A_55_P1969861	0.586	0.002	Zap70	zeta-chain (TCR) associated protein kinase
A_55_P2137853	0.587	0.059		
A_52_P625321	0.587	0.012	Cabp4	calcium binding protein 4
A_66_P103970	0.587	0.089	Acp1	acid phosphatase 1, soluble
A_30_P01018541	0.589	0.018		
A_30_P01024563	0.592	0.064		
A_55_P2005295	0.595	0.082		
A_55_P1982494	0.597	0.099	1700012L04Rik	RIKEN cDNA 1700012L04 gene
A_30_P01018337	0.599	0.045		
A_55_P2009121	0.600	0.050	Agrn	agrin
A_66_P113262	0.601	0.066	Galnt14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14
A_51_P212741	0.601	0.074	Scn2b	sodium channel, voltage-gated, type II, beta
A_52_P417825	0.602	0.016	Osgin2	oxidative stress induced growth inhibitor family member 2
A_55_P2064299	0.602	0.088	Sepp1	selenoprotein X 1
A_30_P01028885	0.604	0.079		
A_55_P2202598	0.609	0.082	A930004J17Rik	RIKEN cDNA A930004J17 gene
A_55_P2054511	0.610	0.093		
A_55_P2142937	0.610	0.050		
A_66_P126332	0.611	0.007	Zfp703	zinc finger protein 703
A_30_P01025924	0.612	0.095		
A_51_P462972	0.612	0.025	Mudeng	MU-2/AP1M2 domain containing, death-inducing
A_55_P2018492	0.614	0.005	Pgap3	post-GPI attachment to proteins 3
A_52_P539434	0.614	0.002	Lbh	limb-bud and heart
A_55_P2038203	0.615	0.067	4931440P22Rik	RIKEN cDNA 4931440P22 gene
A_55_P1977895	0.617	0.071	Gm5833	predicted gene 5833
A_52_P473106	0.618	0.079	Otos	otospiralin
A_52_P613808	0.618	0.026	Zbtb7a	zinc finger and BTB domain containing 7a
A_30_P01028831	0.619	0.013		
A_55_P2158006	0.619	0.078		
A_55_P2241299	0.619	0.040	Otud7b	OTU domain containing 7B
A_52_P88773	0.619	0.030	Tor2a	torsin family 2, member A
A_30_P01026391	0.620	0.095		
A_51_P408946	0.622	0.035	Ccne1	cyclin E1

A_55_P2060752	0.622	0.084	Usp12	ubiquitin specific peptidase 12
A_55_P2082096	0.626	0.035	Wdr66	WD repeat domain 66
A_30_P01027047	0.626	0.012		
A_55_P2103837	0.626	0.066	Gbp4	guanylate binding protein 4
A_55_P1978258	0.627	0.078		
A_55_P2050688	0.627	0.006	Zbed4	zinc finger, BED domain containing 4
A_30_P01032858	0.627	0.039		
A_52_P510215	0.629	0.080	Traf6	TNF receptor-associated factor 6
A_55_P2047559	0.629	0.018	6330503K22Rik	RIKEN cDNA 6330503K22 gene
A_52_P566840	0.629	0.003	Gpr110	G protein-coupled receptor 110
A_52_P489778	0.630	0.027	Ablim1	actin-binding LIM protein 1
A_52_P409769	0.631	0.007	Mrv1	MRV integration site 1
A_30_P01032526	0.632	0.089		
A_51_P368009	0.632	0.094	E2f2	E2F transcription factor 2
A_55_P2160198	0.632	0.054	Nipa2	non imprinted in Prader-Willi/Angelman syndrome 2 homolog (human)
A_55_P2064676	0.632	0.085	Gas2l3	growth arrest-specific 2 like 3
A_55_P2086148	0.633	0.050	Uhmk1	U2AF homology motif (UHM) kinase 1
A_51_P479321	0.634	0.071	Acss1	acyl-CoA synthetase short-chain family member 1
A_55_P1974283	0.635	0.078	Rbmx	RNA binding motif protein, X chromosome
A_30_P01027966	0.636	0.086		
A_55_P2020366	0.637	0.048		
A_30_P01017669	0.638	0.051		
A_51_P272066	0.638	0.058	2010109I03Rik	RIKEN cDNA 2010109I03 gene
A_66_P136955	0.639	0.017	Med14	mediator complex subunit 14
A_55_P2162855	0.640	0.086	Nipa2	non imprinted in Prader-Willi/Angelman syndrome 2 homolog (human)
A_55_P2108713	0.641	0.038		
A_55_P2022074	0.641	0.083	Klf10	Kruppel-like factor 10
A_55_P1970335	0.641	0.010	Teddm1	transmembrane epididymal protein 1
A_51_P378009	0.642	0.076	Blzf1	basic leucine zipper nuclear factor 1
A_55_P2007878	0.642	0.081	Rnf144b	ring finger protein 144B
A_55_P2120189	0.643	0.082	Gas2l3	growth arrest-specific 2 like 3
A_52_P183038	0.643	0.030	Impdh1	inosine 5'-phosphate dehydrogenase 1
A_55_P2092262	0.643	0.060	Gm7694	predicted gene 7694
A_30_P01026971	0.644	0.092		
A_55_P2053320	0.645	0.098	Zfr2	zinc finger RNA binding protein 2
A_52_P136709	0.645	0.042	Pctp	phosphatidylcholine transfer protein
A_55_P2038514	0.645	0.080		
A_55_P2158990	0.646	0.024	Jun	Jun oncogene
A_55_P1955687	0.647	0.055	Alg6	asparagine-linked glycosylation 6 homolog (yeast, alpha-1,3,-glucosyltransferase)
A_30_P01018860	0.648	0.008		

A_55_P2061907	0.648	0.022	Gm4303	predicted gene 4303
A_55_P2054280	0.648	0.011	Fam178b	family with sequence similarity 178, member B
A_55_P2079457	0.648	0.074		
A_51_P472329	0.648	0.016	4632415K11Rik	RIKEN cDNA 4632415K11 gene
A_55_P2440651	0.649	0.056	Gabpb2	GA repeat binding protein, beta 2
A_30_P01020529	0.650	0.001		
A_30_P01029577	0.650	0.091		
A_30_P01027914	0.651	0.017		
A_30_P01020453	0.651	0.026		
A_30_P01032830	0.651	0.095		
A_55_P2030638	0.651	0.038	Dusp23	dual specificity phosphatase 23
A_55_P2025760	0.652	0.047	Adam9	a disintegrin and metallopeptidase domain 9 (meltrin gamma)
A_51_P230142	0.652	0.049	A930018P22Rik	RIKEN cDNA A930018P22 gene
A_30_P01024959	0.652	0.026		
A_55_P2073253	0.652	0.025		
A_66_P123704	0.653	0.037	Ulbp1	UL16 binding protein 1
A_55_P1955034	0.654	0.081	Myo1c	myosin IC
A_55_P2060747	0.654	0.034	Esco1	establishment of cohesion 1 homolog 1 (S. cerevisiae)
A_55_P2169839	0.654	0.042	Rufy3	RUN and FYVE domain containing 3
A_55_P2168451	0.655	0.024	A930017K11Rik	RIKEN cDNA A930017K11 gene
A_52_P131458	0.655	0.030	Ttc39b	tetratricopeptide repeat domain 39B
A_51_P163694	0.655	0.005	Rufy1	RUN and FYVE domain containing 1
A_51_P372702	0.656	0.014	Il16	interleukin 16
A_30_P01022817	0.656	0.009		
A_55_P2121195	0.656	0.081	Lcorl	ligand dependent nuclear receptor corepressor-like
A_51_P430900	0.657	0.086	Dusp1	dual specificity phosphatase 1
A_52_P4046	0.658	0.062	Baz2a	bromodomain adjacent to zinc finger domain, 2A
A_51_P503883	0.658	0.022	Plekhg4	pleckstrin homology domain containing, family G (with RhoGef domain) member 4
A_55_P2087865	0.658	0.030	Tinf2	Terf1 (TRF1)-interacting nuclear factor 2
A_30_P01027409	0.660	0.008		
A_30_P01019295	0.660	0.003		
A_55_P1954998	0.662	0.085	Phf1	PHD finger protein 1
A_66_P119801	0.662	0.069	Optn	optineurin
A_55_P1961531	0.663	0.060	Tmem194	transmembrane protein 194
A_52_P493091	0.663	0.036	Fmr1	fragile X mental retardation syndrome 1 homolog
A_55_P2038452	0.665	0.034		
A_52_P84353	0.665	0.072	Homez	homeodomain leucine zipper-encoding gene
A_55_P2081462	0.665	0.020		
A_55_P2030883	0.666	0.030	Esr1	estrogen receptor 1 (alpha)